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For SV/R

ESTIMATED DATA ON WORLD POPULATION AND POWER

CIA/RR IP-338(WP) (*Projects 45.9 + 13.9*)
20 May 1953

NOTE

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	Estimated Population ^{1/} (Millions)		Fuel and Energy Production ^{2/} (Thousand Metric Ton Coal Equivalent)
	<u>1953</u>	<u>1963</u>	<u>1951</u>
World Total	<u>2485.0</u>	<u>2743.4</u>	<u>3,442,966</u>
Africa	205.9	232.4	75,792
America (North)	226.4	268.4	1,431,716
America (South)	116.8	140.0	209,195
Asia Total	<u>1383.5</u>	<u>1413.3</u>	<u>477,462 ^{6/}</u>
Communist China & N. Korea	(487.3)	(488.0)	39,593 ^{6/}
Other	(826.2)	(925.3)	437,869
Europe Total	<u>610.1</u>	<u>673.8</u>	<u>1,220,286</u>
USSR & Eastern Europe	(302.2)	(344.0)	596,082
Western Europe	(307.9)	(329.8)	624,204
Oceania	12.3	15.5	28,515

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	Estimated Population 1/ (Millions)		Fuel and Energy Production 2/ (Thousand metric ton Coal Equivalent)
	1953	1963	1951
Africa Total ✓	205.9	232.4	75,792
Egypt	21.5	25.8	4,367
Ethiopia	15.0	15.0	3,764
Liberia	1.6	1.6	411 3/
Sudan	8.9	10.5	2,023
Union of South Africa	13.0	15.3	27,225
French Territory Total	48.6	55.4	12,956
Algeria	(9.2)	(10.5)	2,293
French West	(17.5)	(19.0)	4,226 3/
Madagascar	(4.5)	(5.3)	1,090
Morocco	(8.5)	(9.3)	2,634
Tunisia	(3.4)	(4.1)	789
Other French	(5.5)	(7.2)	1,924 3/
Belgian Congo	11.9	13.4	4,732
Portuguese Territory Total	10.8	12.2	2,924
Angola	(4.5)	(5.0)	1,214
Mozambique	(5.7)	(6.5)	1,710
Other Portuguese	(.6)	(.7)	Negligible
Spanish territory Total	1.7	2.1	309
UK Territory Total	51.8	57.1	17,081
Gold Coast	(4.0)	(3.7)	1,076 3/
Kenya	(5.8)	(6.5)	1,474
N. Rhodesia	(2.0)	(2.4)	522
Nigeria	(25.0)	(27.0)	6,548
Nyasaland	(2.3)	(2.6)	1,427 3/
Sierra Leone	(2.1)	(2.4)	639 3/
S. Rhodesia	(2.3)	(2.9)	3,043
Uganda	(5.4)	(6.3)	468
Other UK	(2.9)	(3.3)	1,884 3/
Trust Territories, Mandates, etc.	21.1	24.0	Negligible

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	Estimated Population 1/ (Millions)		Fuel and Energy Production 2/ (Thousand Metric Ton Coal Equivalent)
	<u>1953</u>	<u>1963</u>	<u>1951</u>
North America Total ✓	<u>226.4</u>	<u>268.4</u>	<u>1,431,716</u>
Canada	14.7	18.2	70,182
Mexico	28.3	38.3	24,462
US Continental	158.4	181.7	1,320,626
US Territories	3.0	3.4	2,156
Other North America	22.0	26.8	14,290
South America Total ✓	<u>116.8</u>	<u>140.0</u>	<u>209,195</u>
Oceania Total * ✓	<u>12.3</u>	<u>15.5</u>	<u>28,515</u>
Australia	9.4	11.9	24,778 4/
New Zealand	2.1	2.6	3,737
Other	.8	1.0	

* Excluding US Territory (cf. US Territory)

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	Estimated Population 1/ (Millions)		Fuel and Energy Production 2/ (Thousand Metric Ton Coal Equivalent)
	1953	1963	1951
Asia Total	1313.5	1413.5	477,462
Afghanistan	12.0	12.0	2,987 3/
Burma	19.0	21.0	4,649
Ceylon	8.1	10.9	1,765
China	480.0	480.0	39,593
India	365.0	410.0	122,325
Indonesia	75.5 ✓	82.0	29,647
Iran	19.6	22.7	26,482
Iraq	5.1	5.5	11,952
Israel	1.6	2.1	Negligible
Japan	86.1	102.0	80,783
Korean Republic	21.4	23.7	5,094 6/
North Korea	(7.3)	(8.0)	Not Available
Hong Kong	2.5	2.8	Negligible
Nepal	7.2	7.6	Negligible
Pakistan	76.9	82.4	19,557
Philippines	20.8 ✓	21.9	5,359
Saudi Arabia	6.5	7.2	50,211
Thailand	19.3	22.1	4,944 3/
Turkey	21.9 ✓	25.0	9,862
Indo-China	25.0	25.0	7,438
Malaya	6.6	8.4	2,084
Formosa	8.1	10.0	2,383 4/
Other	18.0	21.0	50,347

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	Estimated Population ^{1/} (Millions)		Fuel and Energy Production ^{2/} (Thousand Metric Ton Coal Equivalent)
	<u>1953</u>	<u>1963</u>	<u>1951</u>
Western Europe Total	307.9	329.8	624,204
Austria	6.9	7.1	10,570
Belgium	8.8	9.0	29,890
Denmark	4.3	4.8	1,537
Finland	4.1	4.4	7,784
France	42.6	45.5	62,182
Saar	.9	1.0	16,129
West Germany	50.9	54.4	157,572
Greece	7.8	8.8	1,711
Iceland	.1	.2	2,412
Ireland	2.9	2.8	2,310
Italy	47.0	49.3	26,198
Luxemburg	.3	.3	Negligible
Netherlands	10.5	11.7	13,982
Norway	3.3	3.6	12,408
Portugal	8.6	9.5	2,939
Spain	28.4	30.5	16,948
Sweden	7.2	7.9	15,231
Switzerland	4.8	5.4	7,315
Trieste	.3	.3	Negligible
United Kingdom	50.8	53.3	228,157
Yugoslavia	16.9	19.5	8,929
All other (Channel Islands, Gibraltar, Isle of Man, Malta, Gozo, Svalbard)	.5	.5	Negligible

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	Estimated Population 1/ (Millions)		Fuel and Energy Production 2/ (Thousand Metric Ton Coal Equivalent)
	<u>1951</u>	<u>1961</u>	<u>1951</u>
USSR and Eastern Europe Total	<u>302.296</u>	<u>343.963</u>	<u>596,082</u>
USSR	210.800	245.800	373,788
Albania	1.295	1.611	766
Bulgaria	7.337	8.278	3,709
Czechoslovakia	12.929	14.042	37,154
East Germany	18.500	18.500	55,333
Hungary	9.421	9.848	11,207
Poland	25.639	28.667	97,261
Rumania	16.375	17.217	16,864

FOOTNOTES

1. Based on present estimated trends in births and deaths assuming no migration.

2. Sources: a. United Nations Statistical Yearbook, 1952.
b. World Energy Supplies in Selected Years, 1929-1950,
United Nations Statistical Papers,
Statistical Office of the UN, September, 1952.

The commercial sources of energy included are anthracite and bituminous coal, lignite, crude petroleum, natural gas, and hydro-electricity. The non-commercial fuels included are bagasse and fuel peat, fuelwood and wood for carbonization, lumber mill wastes, and other wood and agricultural wastes. The commercial data reported is for 1951, while the non-commercial data is for 1949. For some of the smaller countries of Asia, Africa, and the Near East data on non-commercial production is missing.

United Nations conversion factors are used to get coal equivalents.

3. Only non-commercial fuels produced.
4. Hydro-electricity production for 1950.
5. Source: ORR contributions to NIE-65, NIE-87, NIE-90.

The commercial sources of energy included are anthracite and bituminous coal, lignite, crude petroleum, oil shale, natural gas, and hydro-electricity. The non-commercial fuels included are peat and fuelwood. All data is for 1951.

The coal equivalent conversion factors for USSR are ORR estimates. For all Satellites, United Nations conversion factors are used except for fuelwood and oil shale, for which ORR estimates are used.

6. Does not include North Korea.

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21 May 1953

DATA

Estimated Data on World Population and Power

CIA/HR IP-338 (WP)

(Projects 45.9 + 13.9)

The following corrections and addenda should be made to subject report:

Page 1:

Asia Total	1313.5	1413.3	579,735 6/
Communist China and North Korea	(687.3)	(488.0)	111,866 6/

Page 4:

Asia Total	1313.5	1413.3	579,735
China 5/	680.0	680.0	110,311 *
India	365.0	410.0	122,325 *

- * It should be realized that for China and India more than half of the total fuel is agricultural waste, specifically, China, 100,718; India, 79,402.

Page 6:

Footnote at head of last column should be 5/ instead of 2/.

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WORLD POPULATION DISTRIBUTION IN RELATION TO GROSS NATIONAL PRODUCT

<u>Gross National Product</u> <u>(Billions of \$US)</u>	<u>Population</u> <u>(Millions)</u>	<u>Total Population</u> <u>(% of World)</u>
0 - 100	1,401	56.4
100 - 200	108	4.3
200 - 300	139	5.6
300 - 400	278	11.2
400 - 500	302	12.2
500 - 600		
600 - 700		
700 - 800		
800 - 900	51	2.1
1600 - 1700	204	8.2
<u>794.2</u>	<u>2,483</u>	<u>100.0</u>

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Power Factors									
1953 Population		Energy Production 1951		Gross National Product		Average		Index of	
Millions	Percent	Thousand Metric Ton Coal Equiva- lent	Percent	(Billions of 1951 \$U.S.)	Per Capita	Percent	Average of Columns 4 & 7	Average of Columns 2 & 8	
1	2	3	4	5	6	7	8	9	
211		374	11	104	493	13.1	12.05		
91		222	6	43	472	5.4	5.7		
488		142	4	40 a/	82	5.0	4.5		
790	32	738	21	157	237	23.5	22.25	21.125	27
52	2	138	4	3.0	58	.4	2.2		
467	19	147	4	32.1	69	4.0	4.0		
102	4	23	1	4.7 b/	46	.6	.8		
86	3	81	2	12.2	15	1.7	1.85		
707	27	389	11	53.0	75	6.7	6.85	17.925	18
278	11	406	12	110.6	398	13.9	12.95		
51	2	228	6	12.6	835	5.4	5.7		
329	13	636	18	153.2	166	15.3	15.65	15.325	16
176	7	1,393	39	325.7	1,960	41.0	41.2	24.200	24
				19.4		2.4			
				30.1		13.4			
167	7	243	7	35.1	210	4.4	5.7	3.35	6
286	8	76	2	8.4	41	1.1	1.55	4.775	5
108	4	63	2	12.4	115	1.6	1.8	2.9	3
2,483	100	3,543	100	7,242		100.0			

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a North Korea data not available.

b Data not available for Malaya, Indochina, Hong Kong, Korea.

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Power Factors

	1953 Population (Millions)	Percent	Thousand Metric Ton Coal Equiva- lent	Percent	Energy Production 1951 (Billions of U.S.)	Per Capita	Percent	Average of Columns 4 & 7	Index of Power Average of Columns 2 & 8
USA	211		374	11	194	193	13.1	12.05	
European Satelllites	91		222	6	43	472	5.4	5.7	
China and North Korea	488		142	4	40 a/	82	5.0	4.5	
Total Bloc	790	32	738	21	137	237	23.5	22.25	27.125
Middle East	52	2	138	4	3.0	58	.4	2.2	
India-Pakistan-South Asia	467	19	147	4	32.1	69	4.0	4.0	
Southeast Asia and Korea-Formosa	102	4	23	1	4.7 b/	46	.6	.8	
Japan	86	3	81	2	13.2	15	1.7	1.85	
Total Free Asia	707	27	389	11	53.0	75	6.7	6.85	17.925
Continental Western Europe and Turkey	278	11	406	12	110.6	398	13.9	12.95	
United Kingdom	51	2	228	6	42.6	835	5.4	5.7	
Total Europe	329	13	634	18	153.2	1466	19.3	18.65	15.825
US Territories US, and Canada	176-est	7	1,393	39	325.7	2,692	41.0	41.2	24.200
Latin America (incl Central America)	167-est	7	248	7	35.1	210	4.4	5.7	6.35
Africa	230	9	76	2	8.4	41	1.1	1.55	2.775
Oceania and Indonesia	108-est	4	63	2	12.4	115	1.6	1.8	2.7
(Incl. Australia, New Zealand & Philippines)									
World Total	2,453	100	3,543	100	7,942		100.0		

a. North Korea data not available

b. Data not available for Malaya, Indochina, Hong Kong, Korea.

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